

Summary Description of CMRR-NF SEIS Alternatives

Proposed Action

Construct the nuclear facility portion of the Chemistry and Metallurgy Research Replacement Project (CMRR-NF) at TA-55, to include changes since the CMRR Environmental Impact Statement Record of Decision (ROD) in 2004. Among the proposed changes is implementation of:

- Structural modifications for enhanced seismic safety;
- Strengthened engineering controls to meet nuclear facility safety requirements to ensure protection of the public, workers and the environment;
- Additional infrastructure changes to accommodate construction activities; and
- Improved sustainable design principles and environmental conservation measures to reduce environmental impacts of CMRR-NF construction and operation.



No Action Alternative

Construct the CMRR-NF and implement ancillary and support activities as announced in the 2004 ROD.

CMR Alternative 1

Do not construct the CMRR-NF. Continue to perform analytical chemistry, material characterization, and actinide research and development activities in the existing Chemistry and Metallurgy Research (CMR) Building with no facility upgrades; perform routine maintenance needed to sustain programmatic operations for as long as feasible.

CMR Alternative 2

Do not construct the CMRR-NF. Continue to perform analytical chemistry, material characterization, and actinide research and development activities in the CMR Building and make extensive facility upgrades needed to sustain CMR programmatic operations for another 20 to 30 years.

Other Alternatives Identified During Scoping

NNSA will consider environmental analysis of reasonable alternatives identified by stakeholders during scoping.